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\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT

MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 08:48:33 ON 28 MAY 2003

=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 08:48:41 ON 28 MAY 2003

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 MAY 2003 HIGHEST RN 521262-77-1

DICTIONARY FILE UPDATES: 27 MAY 2003 HIGHEST RN 521262-77-1

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

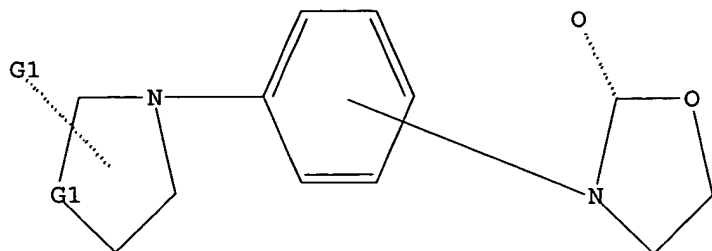
Uploading 10032392.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

=> s l1 ful

FULL SEARCH INITIATED 08:48:58 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1490 TO ITERATE

100.0% PROCESSED 1490 ITERATIONS  
SEARCH TIME: 00.00.01

123 ANSWERS

L2 123 SEA SSS FUL L1

=> s l2 and caplus/lc

28000746 CAPLUS/LC

L3 123 L2 AND CAPLUS/LC

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

152.37

152.58

FILE 'CAPLUS' ENTERED AT 08:49:07 ON 28 MAY 2003

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FILE COVERS 1907 - 28 May 2003 VOL 138 ISS 22

FILE LAST UPDATED: 27 May 2003 (20030527/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

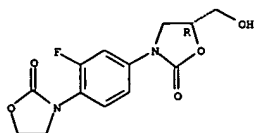
=> s l3

L4 20 L3

=> d l4 1-20 ibib abs hitstr

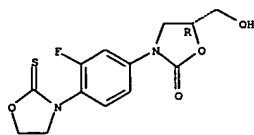
AB Title compds. {1: R1 = halo, N3, SCN, SH, OR4, NHR4, N(R4)2; R4 = H, (substituted) acyl, thioacyl, alkoxycarbonyl, cycloalkoxythiocarbonyl, alkenyloxythiocarbonyl, alkenylcarbonyl, aryloxythiocarbonyl, alkoxythiocarbonyl, alkenyloxythiocarbonyl, aryloxythiocarbonyl, COCOA, COCOAR, COCOalk,

### Absolute stereochemistry.



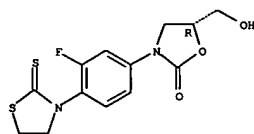
RN 439902-58-6 CAPLUS  
CN 2-Oxazolidinone, 3-[3-fluoro-4-(2-thioxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



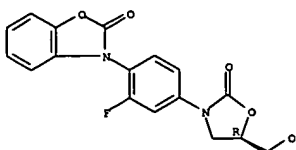
RN 439902-59-7 CAPLUS  
CN 2-Oxazolidinone, 3-[3-fluoro-4-(2-thioxo-3-thiazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



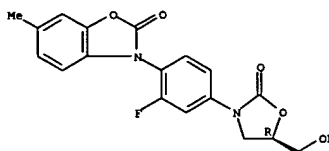
RN 439902-61-1 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-[2-fluoro-4-[(5R)-5-(hydroxymethyl)-2-oxo-3-oxazolidinyl]phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



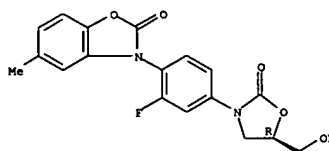
RN 439902-62-2 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-[2-fluoro-4-[(5R)-5-(hydroxymethyl)-2-oxo-3-oxazolidinyl]phenyl]-6-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



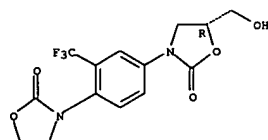
RN 439902-63-3 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-[2-fluoro-4-[(5R)-5-(hydroxymethyl)-2-oxo-3-oxazolidinyl]phenyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



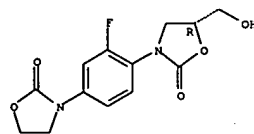
RN 439902-64-4 CAPLUS  
CN 2-Oxazolidinone, 5-(hydroxymethyl)-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



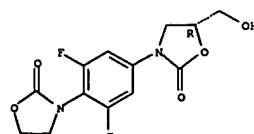
RN 439902-65-5 CAPLUS  
CN 2-Oxazolidinone, 3-[3-(trifluoromethyl)-4-(2-oxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



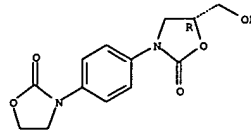
RN 439902-66-6 CAPLUS  
CN 2-Oxazolidinone, 3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-5-(hydroxymethyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



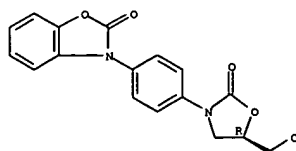
RN 439902-67-7 CAPLUS  
CN 2-Oxazolidinone, 5-(hydroxymethyl)-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



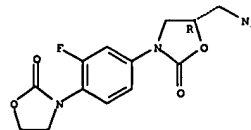
RN 439902-68-8 CAPLUS  
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Absolute stereochemistry.



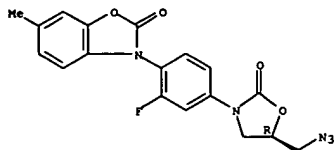
RN 439902-76-8 CAPLUS  
CN 2-Oxazolidinone, 5-(azidomethyl)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



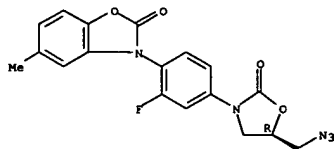
RN 439902-78-0 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-[4-[(5R)-5-(azidomethyl)-2-oxo-3-oxazolidinyl]-2-fluorophenyl]-6-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



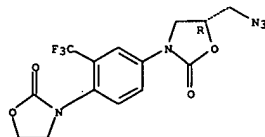
RN 439902-79-1 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-[4-((5R)-5-(azidomethyl)-2-oxo-3-oxazolidinyl)-2-fluorophenyl]-5-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



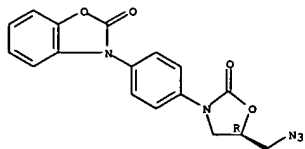
RN 439902-80-4 CAPLUS  
CN 2-Oxazolidinone, 5-(azidomethyl)-3-[4-((2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



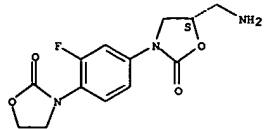
RN 439902-81-5 CAPLUS  
CN 2-Oxazolidinone, 5-(azidomethyl)-3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



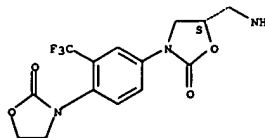
RN 439902-88-2 CAPLUS  
CN 2-Oxazolidinone, 5-(aminomethyl)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



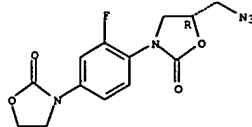
RN 439902-90-6 CAPLUS  
CN 2-Oxazolidinone, 5-(aminomethyl)-3-[4-((2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl)-, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



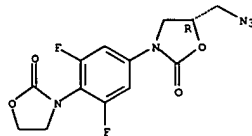
RN 439902-91-7 CAPLUS  
CN 2-Oxazolidinone, 5-(aminomethyl)-3-[4-((2-oxo-3-oxazolidinyl)phenyl)-, (5S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



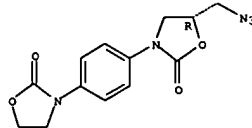
RN 439902-82-6 CAPLUS  
CN 2-Oxazolidinone, 5-(azidomethyl)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



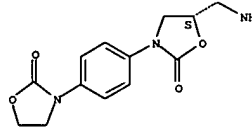
RN 439902-83-7 CAPLUS  
CN 2-Oxazolidinone, 5-(azidomethyl)-3-[4-((2-oxo-3-oxazolidinyl)phenyl)-, (5R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



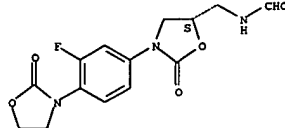
RN 439902-84-8 CAPLUS  
CN 2(3H)-Benzoxazolone, 3-[4-((5R)-5-(azidomethyl)-2-oxo-3-oxazolidinyl)phenyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



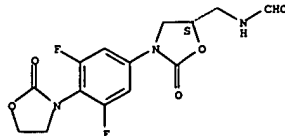
RN 439902-94-0 CAPLUS  
CN Formamide, N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



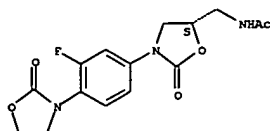
RN 439902-95-1 CAPLUS  
CN Formamide, N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



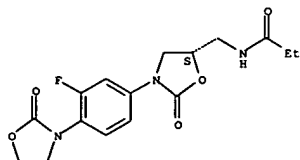
RN 439902-96-2 CAPLUS  
CN Acetamide, N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



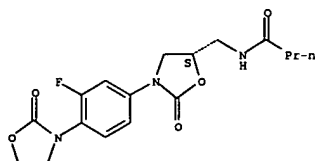
RN 439902-97-3 CAPLUS  
CN Propanamide,  
N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



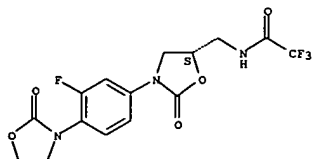
RN 439902-98-4 CAPLUS  
CN Butanamide, N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



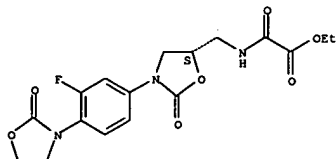
RN 439902-99-5 CAPLUS  
CN Pentanamide,  
N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



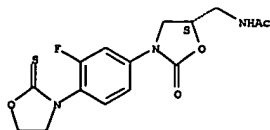
RN 439903-03-4 CAPLUS  
CN Acetic acid, [[[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]amino]oxo-, ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



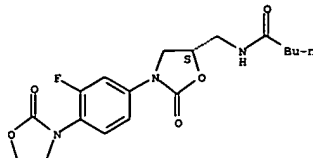
RN 439903-04-5 CAPLUS  
CN Acetamide,  
N-[(5S)-3-[3-fluoro-4-(2-thioxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



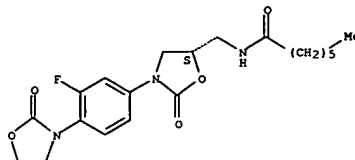
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CN Acetamide, N-[(5S)-2-oxo-3-(4-(2-thioxo-3-oxazolidinyl)phenyl)-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



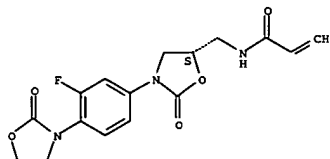
RN 439903-00-1 CAPLUS  
CN Heptanamide,  
N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



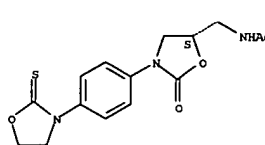
RN 439903-01-2 CAPLUS  
CN 2-Propenamide,  
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Absolute stereochemistry.



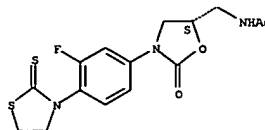
RN 439903-02-3 CAPLUS  
CN Acetamide, 2,2,2-trifluoro-N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



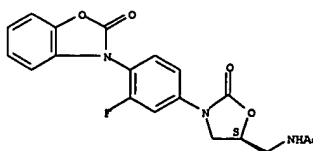
RN 439903-06-7 CAPLUS  
CN Acetamide,  
N-[(5S)-3-[3-fluoro-4-(2-thioxo-3-thiazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



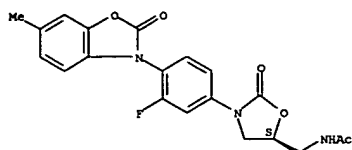
RN 439903-08-9 CAPLUS  
CN Acetamide,  
N-[(5S)-3-[3-fluoro-4-(2-oxo-3(2H)-benzoxazolyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



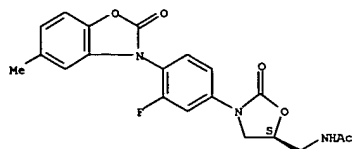
RN 439903-09-0 CAPLUS  
CN Acetamide, N-[(5S)-3-[3-fluoro-4-(6-methyl-2-oxo-3(2H)-benzoxazolyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



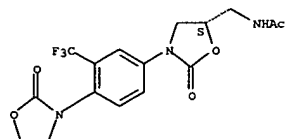
RN 439903-10-3 CAPLUS  
CN Acetamide, N-[(5S)-3-[3-fluoro-4-(5-methyl-2-oxo-3(2H)-benzoxazolyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



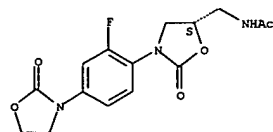
RN 439903-11-4 CAPLUS  
CN Acetamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



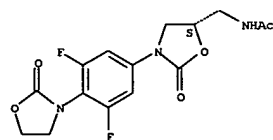
RN 439903-12-5 CAPLUS  
CN Propanamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



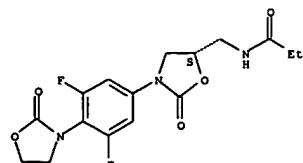
RN 439903-16-9 CAPLUS  
CN Acetamide, N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



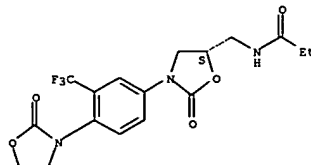
RN 439903-17-0 CAPLUS  
CN Propanamide, N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



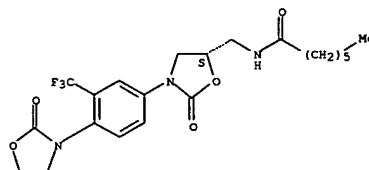
RN 439903-18-1 CAPLUS  
CN Acetamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



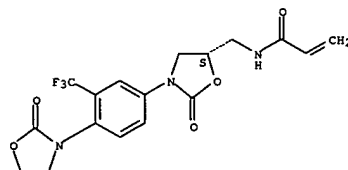
RN 439903-13-6 CAPLUS  
CN Heptanamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



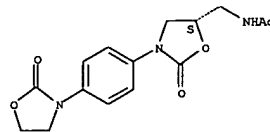
RN 439903-14-7 CAPLUS  
CN 2-Propanamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



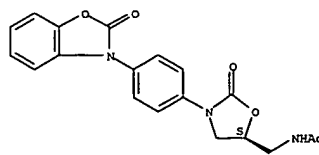
RN 439903-15-8 CAPLUS  
CN Acetamide, N-[(5S)-3-[2-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



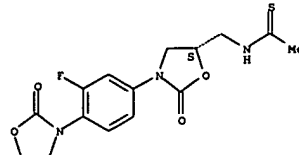
RN 439903-19-2 CAPLUS  
CN Acetamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3(2H)-benzoxazolyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439903-27-2 CAPLUS  
CN Ethanethioamide, N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

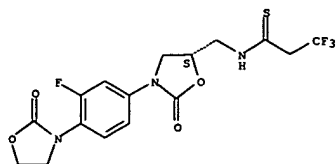
Absolute stereochemistry.



RN 439903-28-3 CAPLUS  
CN Propanethioamide, 3,3,3-trifluoro-N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

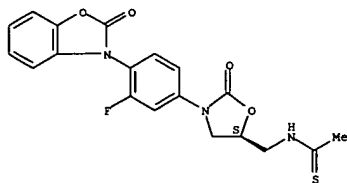
Absolute stereochemistry.





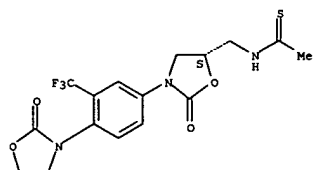
RN 439903-30-7 CAPLUS  
CN Ethanethioamide,  
N-[(5S)-3-[3-fluoro-4-(2-oxo-3(2H)-benzoxazolyl)phenyl]-  
2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



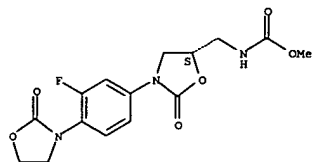
RN 439903-31-8 CAPLUS  
CN Ethanethioamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(  
(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



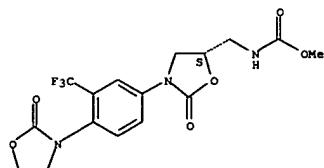
RN 439903-32-9 CAPLUS  
CN Ethanethioamide,  
N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-  
2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



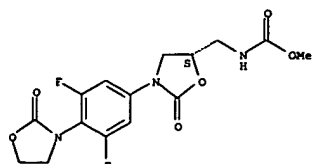
RN 439903-38-5 CAPLUS  
CN Carbamic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(  
(trifluoromethyl)phenyl]-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA  
INDEX NAME)

Absolute stereochemistry.



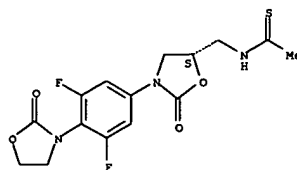
RN 439903-39-6 CAPLUS  
CN Carbamic acid, [(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-  
oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



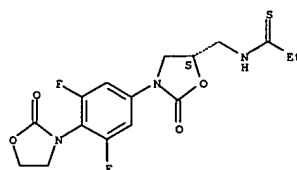
RN 439903-40-9 CAPLUS  
CN Carbamic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-

Absolute stereochemistry.



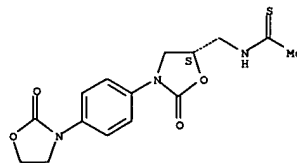
RN 439903-33-0 CAPLUS  
CN Propanethioamide,  
N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-  
2-oxo-5-oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



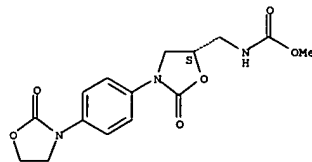
RN 439903-34-1 CAPLUS  
CN Ethanethioamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-  
oxazolidinyl]methyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



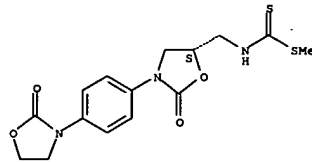
RN 439903-37-4 CAPLUS  
CN Carbamic acid,  
[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-

Absolute stereochemistry.



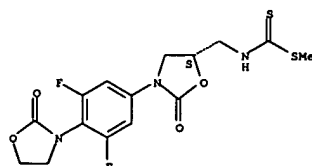
RN 439903-42-1 CAPLUS  
CN Carbamodithioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-  
oxazolidinyl]methyl]-, methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



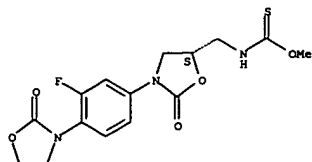
RN 439903-43-2 CAPLUS  
CN Carbamodithioic acid, [(5S)-3-[3,5-difluoro-4-(2-oxo-3-  
oxazolidinyl)phenyl]-2-oxo-5-oxazolidinyl]methyl]-, methyl ester (9CI)  
(CA INDEX NAME)

Absolute stereochemistry.



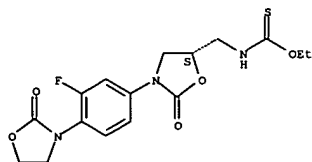
RN 439903-44-3 CAPLUS  
CN Carbamodithioic acid, [(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-  
oxo-5-oxazolidinyl]methyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



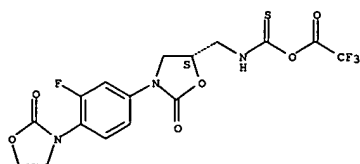
RN 439903-45-4 CAPLUS  
CN Carbamothioic acid, [(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439903-46-5 CAPLUS  
CN Acetic acid, trifluoro-, anhydride with [(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]carbamothioic acid (9CI) (CA INDEX NAME)

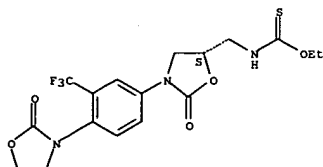
Absolute stereochemistry.



RN 439903-47-6 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-cyclohexyl ester (9CI) (CA INDEX NAME)

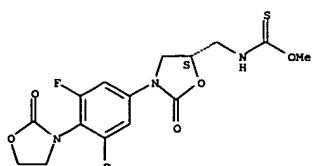
Absolute stereochemistry.

Absolute stereochemistry.



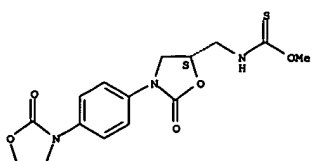
RN 439903-55-6 CAPLUS  
CN Carbamothioic acid, [(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

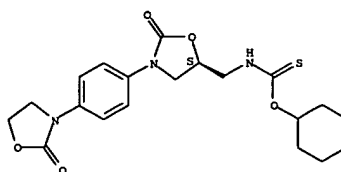


RN 439903-56-7 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

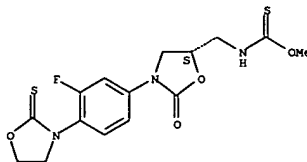


RN 439903-57-8 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-



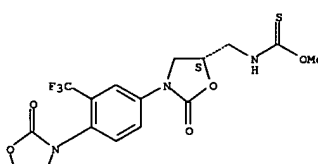
RN 439903-48-7 CAPLUS  
CN Carbamothioic acid, [(5S)-3-[3-fluoro-4-(2-thioxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



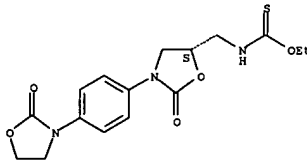
RN 439903-53-4 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinylmethyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



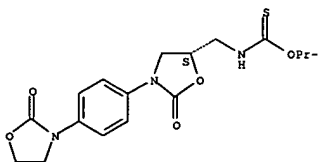
RN 439903-54-5 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)-3-(trifluoromethyl)phenyl]-5-oxazolidinylmethyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



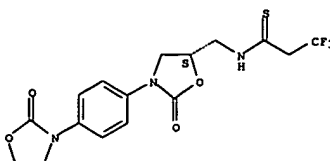
RN 439903-59-0 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-propyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



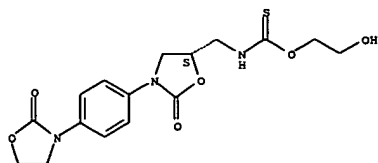
RN 439903-61-4 CAPLUS  
CN Propanethioamide, 3,3,3-trifluoro-N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



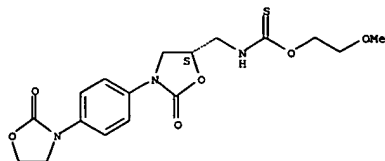
RN 439903-63-6 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-(2-hydroxyethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



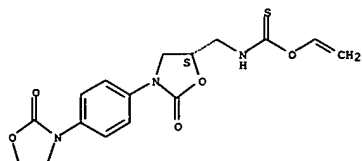
RN 439903-65-8 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-(2-methoxyethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439903-66-9 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-ethenyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

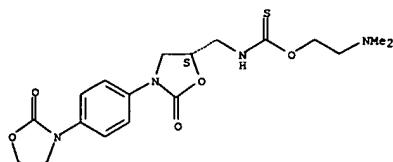


RN 439903-67-0 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-(1-methylethyl) ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.

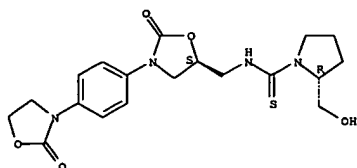
L4 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)  
oxazolidinylmethyl]-, O-[2-(dimethylamino)ethyl] ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



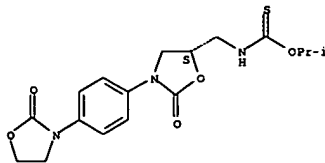
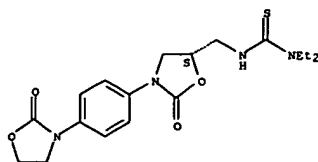
RN 439903-90-9 CAPLUS  
CN 1-Pyrrolidinecarbothioamide, 2-(hydroxymethyl)-N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, (2R)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



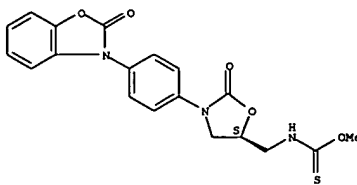
RN 439903-91-0 CAPLUS  
CN Thiourea, N,N-diethyl-N'-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



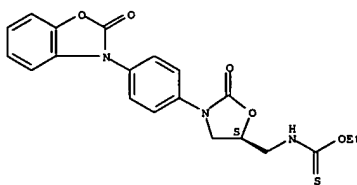
RN 439903-68-1 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3(2H)-benzoxazolyl)phenyl]-5-oxazolidinylmethyl]-, O-methyl ester (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439903-69-2 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3(2H)-benzoxazolyl)phenyl]-5-oxazolidinylmethyl]-, O-ethyl ester (9CI) (CA INDEX NAME)

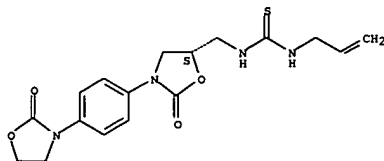
Absolute stereochemistry.



RN 439903-81-8 CAPLUS  
CN Carbamothioic acid, [(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-

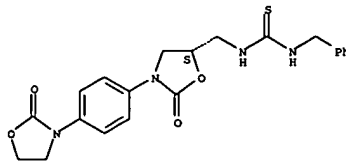
RN 439903-92-1 CAPLUS  
CN Thiourea, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-N'-2-propenyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



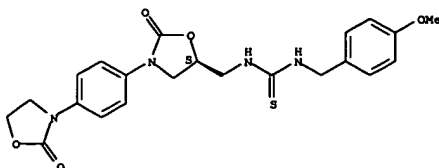
RN 439903-93-2 CAPLUS  
CN Thiourea, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-N'-(phenylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439903-94-3 CAPLUS  
CN Thiourea, N-[(4-methoxyphenyl)methyl]-N'-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

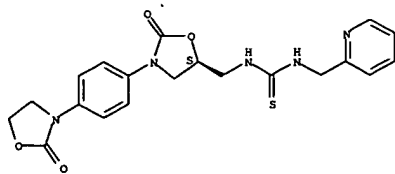
Absolute stereochemistry.



RN 439903-95-4 CAPLUS  
CN Thiourea, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-

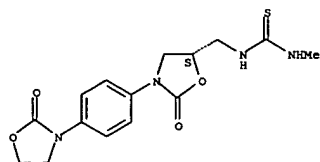
L4 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)  
oxazolidinylmethyl]-N'-(2-pyridinylmethyl)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



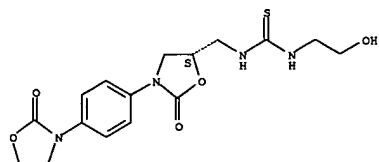
RN 439903-96-5 CAPLUS  
CN Thiourea, N-methyl-N'-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



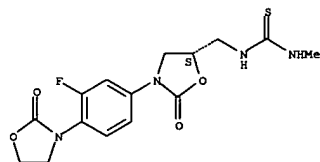
RN 439903-97-6 CAPLUS  
CN Thiourea, N-(2-hydroxyethyl)-N'-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



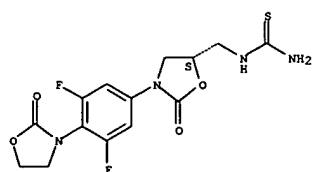
RN 439903-98-7 CAPLUS  
CN 4-Thiomorpholinecarbothioamide, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)



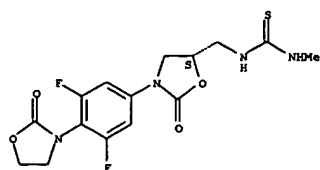
RN 439904-02-6 CAPLUS  
CN Thiourea, N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



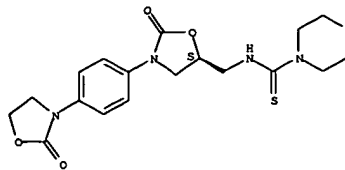
RN 439904-03-7 CAPLUS  
CN Thiourea, N-[(5S)-3-[3,5-difluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]-N'-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



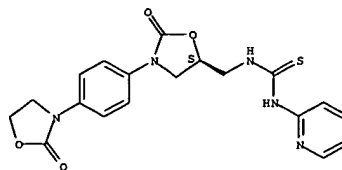
RN 439904-04-8 CAPLUS  
CN Carbamothioic acid, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-, O-[2-(dimethylamino)ethyl] ester, monohydrochloride (9CI) (CA INDEX NAME)

L4 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)  
Absolute stereochemistry.



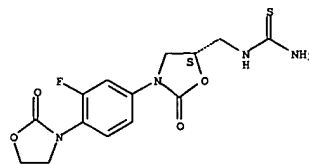
RN 439903-99-8 CAPLUS  
CN Thiourea, N-[(5S)-2-oxo-3-[4-(2-oxo-3-oxazolidinyl)phenyl]-5-oxazolidinylmethyl]-N'-2-pyridinyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 439904-00-4 CAPLUS  
CN Thiourea, N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

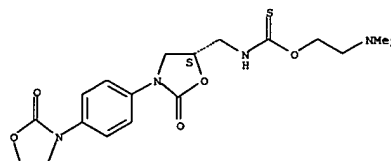


RN 439904-01-5 CAPLUS  
CN Thiourea, N-[(5S)-3-[3-fluoro-4-(2-oxo-3-oxazolidinyl)phenyl]-2-oxo-5-oxazolidinylmethyl]-N'-methyl- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

L4 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)

Absolute stereochemistry.



● HCl

L4 ANSWER 3 OF 20 CAPIUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 2002:327929 CAPIUS  
DOCUMENT NUMBER: 136:341549  
TITLE: Thermoplastic composition comprising fluoroaliphatic radical-containing surface-modifying additive, shaped articles and making them  
INVENTOR(S): Thompson, Delton R., Jr.; Klun, Thomas P.  
PATENT ASSIGNEE(S): 3M Innovative Properties Company, USA  
SOURCE: U.S., 12 pp., Cont.-in-part of U.S. Ser. No. 83,996, abandoned.  
CODEN: USXXAM  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6380289	B1	20020430	US 1999-421652	19991020

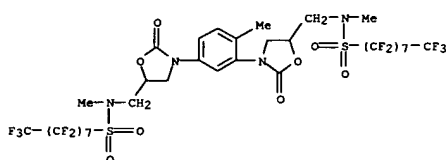
PRIORITY APPLN. INFO.: US 1993-83996 B2 19930628

AB A thermoplastic compn. comprises (a) a major amt. of a semi-cryst. thermoplastic polymer, (b) 0.1-2% fluoroaliph. radical-contg. surface-modifying additive e.g. water repellent, and (c) 5-25% second thermoplastic polymer to enhance the effects of the surface-modifying additive. A dry blend was prepd. by mixing 898 g PP 3505G polypropylene, 2% fluorochem. oxazolidinone surface-modifying additive, and 10% PB 0200 polybutylene. The blend had an oil resistance rating 8.0 and water resistance rating 10.0, vs. 0 and 2.0, resp., without oxazolidinone and polybutylene.

IT RL: MOA (Modifier or additive use): USES (Uses)  
(thermoplastic compn. comprising fluoroaliph. radical-contg. surface-modifying additive and polymer)

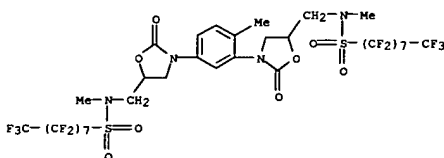
RN 116250-58-9 CAPIUS

CN 1-Octanesulfonamide, N,N'-[(4-methyl-1,3-phenylene)bis[(2-oxo-3,5-oxazolidinediyl)methylene]]bis[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-methyl- (9CI) (CA INDEX NAME)

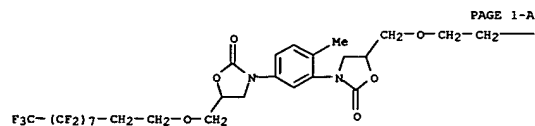


REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RECORD.

L4 ANSWER 4 OF 20 CAPIUS COPYRIGHT 2003 ACS (Continued)  
RN 116250-58-9 CAPIUS  
CN 1-Octanesulfonamide, N,N'-[(4-methyl-1,3-phenylene)bis[(2-oxo-3,5-oxazolidinediyl)methylene]]bis[1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-methyl- (9CI) (CA INDEX NAME)



RN 116250-67-0 CAPIUS  
CN 2-Oxazolidinone, 3,3'-(4-methyl-1,3-phenylene)bis[5-[[[(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl)oxy)methyl]- (9CI) (CA INDEX NAME)



—(CF2)7—CF3

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L4 ANSWER 4 OF 20 CAPIUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1988:512024 CAPIUS  
DOCUMENT NUMBER: 109:112024  
TITLE: Fluoroalkyl group-containing oxazolidinones  
INVENTOR(S): Crater, Davis H.; Howells, Richard D.; Stern, Richard M.; Temperante, John A.  
PATENT ASSIGNEE(S): Minnesota Mining and Mfg. Co., USA  
SOURCE: Eur. Pat. Appl., 34 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

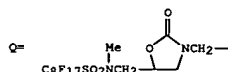
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 260011	A2	19880316	EP 1987-307470	19870824
EP 260011	A3	19900606		
EP 260011	B1	19940302		

R: BE, CH, DE, ES, FR, GB, IT, LI, NL

CA 1323370 A1 19931019 CA 1987-544094 19870810  
ES 2061506 T3 19941216 ES 1987-307470 19870824  
AU 8778167 A1 19880317 AU 1987-78167 19870908  
AU 603604 B2 19901122  
JP 63093771 A2 19880425 JP 1987-228215 19870911  
BR 8704725 A 19880503 BR 1987-4725 19870911  
JP 09263659 A2 19971007 JP 1996-218804 19870911  
US 5025052 A 19910618 US 1990-486598 19900227  
US 5099026 A 19920324 US 1991-652461 19910207  
IN 173358 A 19940409 IN 1991-MA344 19910430  
IN 174278 A 19941029 IN 1992-MA678 19921111

PRIORITY APPLN. INFO.: US 1986-906817 A 19860912  
IN 1987-MA583 A1 19870813  
JP 1987-228215 A3 19870911  
US 1988-235757 B3 19880808  
US 1990-481670 B1 19900214

GI



AB The title compds. useful as water and oil repellents for fabrics contain .gtoreq.1 2-oxazolidinone moieties, at least one of which has a monovalent fluoroaliph. radical bonded to the 5-position by an org. linking group. Thus, heating a mixt. of 47.0 g m-xylylene diisocyanate, 50 g AcOEt, 6 drops Bu2Sn dilaurate, and 50% AcOEt soln. contg. 297 g C8H17SO2NMeCH2CH(OH)CH2Cl at 75.degree. for 4 h, then heating with a soln. of 27.0 g NaOMe in 81 g MeOH at 50.degree. for 5.5 h, and working up gave m-C6H4Q2.

IT 116250-58-9 116250-67-0  
RL: USES (Uses)

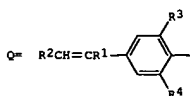
L4 ANSWER 5 OF 20 CAPIUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1988:95480 CAPIUS  
DOCUMENT NUMBER: 108:95480  
TITLE: Styryloxy resins and their compositions  
INVENTOR(S): Woods, John; Harris, Stephen J.; Rooney, John  
PATENT ASSIGNEE(S): Locutite (Ireland) Ltd., Ire.  
SOURCE: Eur. Pat. Appl., 14 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 4  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 220831	A2	19870506	EP 1986-307335	19860924
EP 220831	A3	19881019		
EP 220831	B1	19940420		

R: DE, FR, GB

US 4732956 A 19880322 US 1985-779737 19850924  
PRIORITY APPLN. INFO.: US 1985-779737 19850924  
US 1984-621419 19840618  
US 1984-667724 19841204

GI



AB (RO)2Z and (RO2)nZ1 (R = Q; R1 = R2 = H or 1 of R1 and R2 = H and the other is Me; R3 and R4 = H, lower alkyl, or alkoxy if R2 is not Me; Z = divalent group; Z1 = polyvalent group free of groups interfering with cationic polym.; n .gtoreq.2) are prepd. which are UV-curable, exhibit high reactivity in polymns. and develop an intense color during polymn.

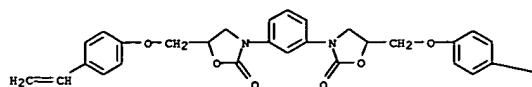
in the presence of acid-generating photoinitiators or during chem. initiated polymn. .alpha.,.alpha.'-Bis(2-methoxy-4-vinylphenoxy)-p-xylene was prepd. from 2-methoxy-4-vinylphenol and .alpha.,.alpha.'-dibromo-p-xylene and photopolyd. in the presence of UVE 1014 to give a tackfree, brittle film which had an intense purple color and was insol. in common org. solvents.

IT 110924-48-7P  
RL: PREP (Preparation)  
(prepn. of polymerizable)

RN 110924-49-7 CAPIUS

CN 2-Oxazolidinone, 3,3'-(methyl-1,3-phenylene)bis[5-[(4-ethenylphenoxy)methyl]- (9CI) (CA INDEX NAME)

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D1-Me

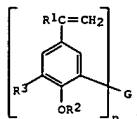
PAGE 1-B



ACCESSION NUMBER: 1987:177455 CAPLUS  
 DOCUMENT NUMBER: 106:177455  
 TITLE: Preparation of meta-bridged styryloxy resins  
 INVENTOR(S): Woods, John G.; Rooney, John M.  
 PATENT ASSIGNEE(S): Loctite (Ireland) Ltd., Ire.  
 SOURCE: U.S., 7 pp.  
 CODEN: USXXAM  
 DOCUMENT TYPE: Patent  
 LANGUAGE: English  
 FAMILY ACC. NUM. COUNT: 4  
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 4640849	A	19870203	US 1986-824903	19860131
JP 63174945	A2	19880719	JP 1987-7966	19870116
JP 06043457	B4	19940608		
EP 232143	A2	19870812	EP 1987-300825	19870130
EP 232143	A3	19881019		
EP 232143	B1	19911009		
R: DE, FR, GB, IT				
US 5021512	A	19910604	US 1989-351310	19890504
PRIORITY APPLN. INFO.:			US 1984-621419	19840618
			US 1984-667724	19841204
			US 1985-779737	19850924
			IE 1986-32	19860107
			US 1986-824903	19860131
			US 1987-1498	19870105

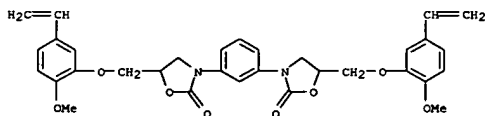
GI



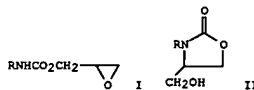
AB The title cationically polymerizable resins comprise I (R1 = H or Me; R2 = (halosubstituted) hydrocarbyl or hydrocarbyl interrupted by ether O; R3 = H, lower alkyl, alkoxy; G = multivalent (in)org. group not contg. amino or aliph. thiol; n = .gtoreq.2). A soln. of 13.3 g 3-allyloxy-4-methoxystyrene in 49 g PhMe was added to 35.5 g of a SiH-terminated di-Me siloxane using a Pt catalyst, giving a difunctional styryloxy resin (II). II was mixed with 4% of a triarylsulfonium salt photoinitiator (UVE 1014) and exposed to UV for 90 s to give a rubbery, deep red material that did not dissolve in CH2Cl2 on shaking for 3 min.

IT 107817-43-6P  
 RL: PREP (Preparation)  
 (prepn. of cationically curable)

RN 107817-43-6 CAPLUS



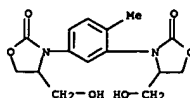
ACCESSION NUMBER: 1981:570260 CAPLUS  
 DOCUMENT NUMBER: 95:170260  
 TITLE: Products of the isomerization of glycidylurethanes  
 AUTHOR(S): Sorokin, M. F.; Shode, L. G.; Ratov, A. N.; Onosova, L. A.; Pavlyukov, S. A.  
 CORPORATE SOURCE: Mosk. Khim.-Tekhnol. Inst., Moscow, USSR  
 SOURCE: Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya Tekhnologiya (1981), 24(5), 561-5  
 CODEN: IVUKAR; ISSN: 0579-2991  
 DOCUMENT TYPE: Journal  
 LANGUAGE: Russian  
 GI



AB Cyclization of the title compds. (I) in solvents, bulk, or in bulk in the presence of Bu3N [102-82-9] catalyst gave the corresponding 4-(hydroxymethyl)-2-oxazolidinones (II). I were prepd. by reacting Ph isocyanate, 2,4-tolylene diisocyanate, and hexamethylene diisocyanate with glycidol. The cyclization of I was investigated as model reaction for crosslinking of glycidylurethane-terminated polymers. The structure of II was proved by IR and NMR spectra, and acetylation.

IT 79473-16-8P  
 RL: FORM (Formation, nonpreparative); PREP (Preparation)  
 (formation of, by cyclization of diglycidyl tolylenebis(carbamate))

RN 79473-16-8 CAPLUS  
 CN 2-Oxazolidinone, 3,3'-(4-methyl-1,3-phenylene)bis[4-(hydroxymethyl)- (9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1979:421173 CAPLUS

DOCUMENT NUMBER: 91:21173

TITLE: Poly-2-oxazolidinones prepared from isocyanates and epoxides

AUTHOR(S): Braun, Dietrich; Weinert, Johann

CORPORATE SOURCE: Dtsch. Kunstst. Inst., Darmstadt, 6100, Fed. Rep. Ger.

SOURCE: Angewandte Makromolekulare Chemie (1979), 78, 1-19

CODEN: ANMCBO; ISSN: 0003-3146

DOCUMENT TYPE: Journal

LANGUAGE: German

AB Diisocyanates [OCNZNCO; Z = (CH<sub>2</sub>)<sub>6</sub>, p-C<sub>6</sub>H<sub>4</sub>, 2,6-tolylene] are copolymd.

in polar org. solvents with bisphenol A and hydroquinone diglycidyl ethers, p-phenylenedioxirane, and hexamethylenedioxirane to give polymers contg. 2-oxazolidinone units and stable to 250-340.degree.C. ONC(CH<sub>2</sub>)<sub>6</sub>NCO with arom. dioxiranes yields products m. 80-100.degree. and sol. in DMF, while arom. diisocyanates provide polymers m. 210-30.degree. plus dark, infusible byproducts, the formation of which may be avoided by using low-melting mono-oxazolidinones as solvents.

IT 70649-94-4P 70649-95-5P 70649-96-6P

70649-97-7P 70649-98-8P 70649-99-9P

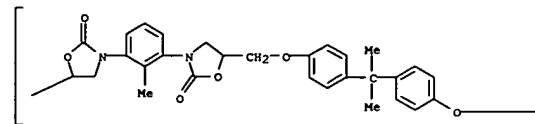
70650-00-9P 70656-56-3P

RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation) (prepn. and thermal properties of)

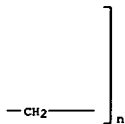
RN 70649-94-4 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)(2-methyl-1,3-phenylene)(2-oxo-3,5-oxazolidinediyl)methyleneoxy-1,4-phenylene(1-methylethylidene)-1,4-phenyleneoxymethylene] (9CI) (CA INDEX NAME)

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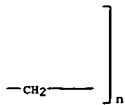
PAGE 1-B



RN 70649-95-5 CAPLUS

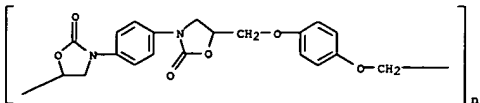
CN Poly[(2-oxo-5,3-oxazolidinediyl)(2-methyl-1,3-phenylene)(2-oxo-3,5-oxazolidinediyl)-1,4-phenylene] (9CI) (CA INDEX NAME)

PAGE 1-B



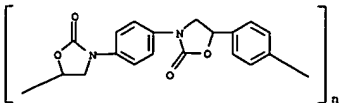
RN 70649-99-9 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)methyleneoxy-1,4-phenyleneoxymethylene] (9CI) (CA INDEX NAME)



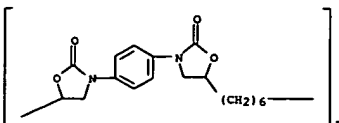
RN 70650-00-9 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)-1,4-phenylene] (9CI) (CA INDEX NAME)



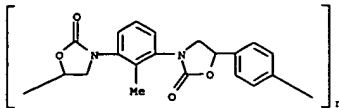
RN 70656-56-3 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)-1,6-hexanedyl] (9CI) (CA INDEX NAME)



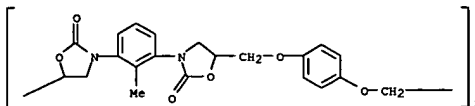
IT 69974-32-9 69974-33-0

RL: PRP (Properties)



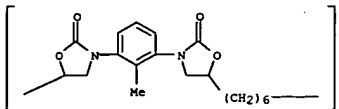
RN 70649-96-6 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)(2-methyl-1,3-phenylene)(2-oxo-3,5-oxazolidinediyl)methyleneoxy-1,4-phenyleneoxymethylene] (9CI) (CA INDEX NAME)



RN 70649-97-7 CAPLUS

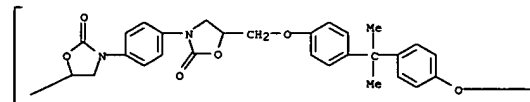
CN Poly[(2-oxo-5,3-oxazolidinediyl)(2-methyl-1,3-phenylene)(2-oxo-3,5-oxazolidinediyl)-1,6-hexanedyl] (9CI) (CA INDEX NAME)



RN 70649-98-8 CAPLUS

CN Poly[(2-oxo-5,3-oxazolidinediyl)-1,4-phenylene(2-oxo-3,5-oxazolidinediyl)methyleneoxy-1,4-phenylene(1-methylethylidene)-1,4-phenyleneoxymethylene] (9CI) (CA INDEX NAME)

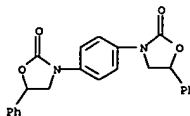
PAGE 1-A



(thermal stability of)

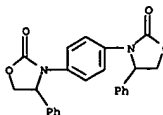
RN 69974-32-9 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis(5-phenyl- (9CI) (CA INDEX NAME)



RN 69974-33-0 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis(4-phenyl- (9CI) (CA INDEX NAME)



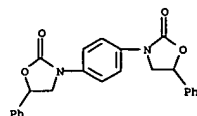
L4 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1579:168494 CAPLUS  
DOCUMENT NUMBER: 90:168494  
TITLE: Reaction of epoxides with isocyanates, II.  
Preparation and characterization of 2-oxazolidinones  
AUTHOR(S): Braun, Dietrich; Weinert, Johann  
CORPORATE SOURCE: Dtsch. Kunstst.-Inst., Darmstadt, Fed. Rep. Ger.  
SOURCE: Liebigs Annalen der Chemie (1979), (2), 200-9  
CODEN: LACHDL; ISSN: 0170-2041  
DOCUMENT TYPE: Journal  
LANGUAGE: German  
GI

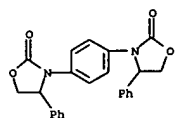


AB Isocyanates react with epoxides to yield 2-oxazolidinones. The reaction of isocyanates with unsym. substituted epoxides I (R = Me, Ph, vinyl) was studied in order to investigate differences in the direction of ring opening of the epoxides as a function of the type of catalyst (nucleophilic or electrophilic). With the exception of I (R = Ph), where 3,4-diphenyl-2-oxazolidinone and 3,3'-p-phenylenebis(4-phenyl-2-oxazolidinone) are formed, epoxides lead to 5-substituted 2-oxazolidinones, independent of the catalyst.

IT 69974-32-9P 69974-33-0P 69974-34-1P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)  
RN 69974-32-9 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl- (9CI) (CA INDEX NAME)



RN 69974-33-0 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl- (9CI) (CA INDEX NAME)



RN 69974-34-1 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-(hydroxymethyl)- (9CI) (CA INDEX NAME)

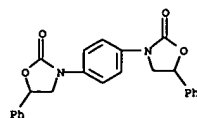
L4 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1979:167509 CAPLUS  
DOCUMENT NUMBER: 90:167509  
TITLE: Reaction of epoxides with isocyanates, III. Study of 2-oxazolidinones by mass spectrometry  
AUTHOR(S): Braun, Dietrich; Weinert, Johann  
CORPORATE SOURCE: Dtsch. Kunstst.-Inst., Darmstadt, Fed. Rep. Ger.  
SOURCE: Liebigs Annalen der Chemie (1979), (2), 210-18  
CODEN: LACHDL; ISSN: 0170-2041  
DOCUMENT TYPE: Journal  
LANGUAGE: German

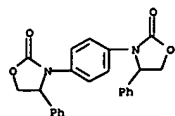
AB The decompn. of 2-oxazolidinones in the mass spectrometer is initiated by elimination of CO<sub>2</sub> by .beta.-decompn. and .alpha.-cleavage by liberation of CO and of the corresponding aldehyde. The 5-aryl-3-phenyl-2-oxazolidinones undergo both reactions at roughly equal rates. 5-Alkyl-

or 5-alkylidene-3-phenyl-2-oxazolidinones preferentially eliminate CO<sub>2</sub>. The main decompn. reaction of 4-aryl-3-phenyl-2-oxazolidinones is .alpha.-cleavage.

IT 69974-21-6 69974-22-7 69974-29-4  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(mass spectral decompn. of)  
RN 69974-21-6 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl-, radical ion(1+) (9CI) (CA INDEX NAME)

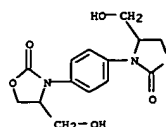


RN 69974-22-7 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl-, radical ion(1+) (9CI) (CA INDEX NAME)

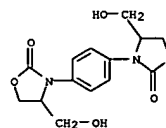


RN 69974-29-4 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-(hydroxymethyl)-, conjugate monoacid (9CI) (CA INDEX NAME)

L4 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)



• H<sup>+</sup>



## L4 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1974:570564 CAPLUS  
DOCUMENT NUMBER: 81:170564  
TITLE: Polymer composition stabilized against the action of light and heat  
INVENTOR(S): Murayama, Keisuke; Morimura, Syoji; Yoshioka, Takao; Toda, Toshimasa; Mori, Eiko; Horiuchi, Hideo; Higashida, Susumu; Matsui, Katsuaki; Kurumada, Tomoyuki; et al.  
PATENT ASSIGNEE(S): Sankyo Co., Ltd.  
SOURCE: Ger. Offen., 71 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2264582	A1	19740502	DE 1972-2264582	19720605
DE 2264582	C3	19790118		
CA 975365	A1	19750930	CA 1972-143447	19720530
IT 961545	A	19731210	IT 1972-25120	19720531
BE 784378	A1	19721204	BE 1972-118271	19720602
NL 7207510	A	19721207	NL 1972-7510	19720602
FR 2166859	A5	19730817	FR 1972-19828	19720602
CH 601399	A	19780714	CH 1972-8230	19720602
ZA 7203827	A	19730328	ZA 1972-3827	19720605
BR 7203608	A0	19730710	BR 1972-3608	19720605
DD 102600	C	19731220	DD 1972-163453	19720605
SU 455547	D	19741230	SU 1972-1793235	19720605
GB 1393281	A	19750507	GB 1972-26203	19720605
AT 324007	B	19750811	AT 1972-4832	19720605
US 3941744	A	19760302	US 1973-339772	19730312
US 4066615	A	19780103	US 1975-567129	19750411
US 4241208	A	19801223	US 1978-968677	19781212

## PRIORITY APPLN. INFO.:

JP 1971-39630	19710605
US 1972-258392	19720531
US 1973-339772	19730312
US 1973-414281	19731109
US 1973-414525	19731109
US 1975-636659	19751201
US 1977-792013	19770428

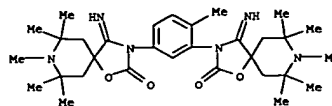
AB Piperidine derivs. having a spiro substituent at the 4-position (122 used, 119 prepd.) imparted heat and light resistances to plastics. Thus, treatment of 1,3,8-triaza-7,7,8,9,9-pentamethyl spiro[4.5]decane-2,4-dione (40075-79-4) with aq. NaOH and then with epichlorohydrin (106-89-8) gave 1,3,8-triaza-3-(2,3-epoxypropyl)-7,7,8,9,9-pentamethylspiro[4.5]decane-2,4-dione (I) (40074-73-5). Polypropylene (9003-07-0) contg. 0.25 parts I became brittle in 1420 hr under uv light at 45 deg. (JIS 1044) compared with 100 hr for a control.

IT 40075-69-2  
RL: PEP (Physical, engineering or chemical process); PROC (Process) (heat and light stabilizers, for plastics)

RN 40075-69-2 CAPLUS

CN 1-Oxa-3,8-diazaspiro[4.5]decan-2-one, 3,3'-(4-methyl-1,3-phenylene)bis(4-imino-7,7,8,9,9-pentamethyl- (9CI) (CA INDEX NAME)

## L4 ANSWER 11 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)



## L4 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1973:137277 CAPLUS  
DOCUMENT NUMBER: 78:137277  
TITLE: Piperidine derivatives as polymer stabilizers  
INVENTOR(S): Murayama, Keisuke; Morimura, Syoji; Yoshioka, Takao; Toda, Toshimasa; Mori, Eiko; Horiuchi, Hideo; Higashida, Susumu; Matsui, Katsuaki; Kurumada, Tomoyuki; et al.  
PATENT ASSIGNEE(S): Sankyo Co., Ltd.  
SOURCE: Ger. Offen., 76 pp.  
CODEN: GWXXBX  
DOCUMENT TYPE: Patent  
LANGUAGE: German  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2227689	A	19721214	DE 1972-2227689	19720605
DE 2227689	B2	19810604		
DE 2227689	C3	19820311		
CA 975365	A1	19750930	CA 1972-143447	19720530
IT 961545	A	19731210	IT 1972-25120	19720531
BE 784378	A1	19721204	BE 1972-118271	19720602
NL 7207510	A	19721207	NL 1972-7510	19720602
FR 2166859	A5	19730817	FR 1972-19828	19720602
CH 601399	A	19780714	CH 1972-8230	19720602
ZA 7203827	A	19730328	ZA 1972-3827	19720605
BR 7203608	A0	19730710	BR 1972-3608	19720605
DD 102600	C	19731220	DD 1972-163453	19720605
SU 455547	D	19741230	SU 1972-1793235	19720605
GB 1393281	A	19750507	GB 1972-26203	19720605
AT 324007	B	19750811	AT 1972-4832	19720605
US 3941744	A	19760302	US 1973-339772	19730312
US 4066615	A	19780103	US 1975-567129	19750411
US 4241208	A	19801223	US 1978-968677	19781212

## PRIORITY APPLN. INFO.:

JP 1971-39630	19710605
US 1972-258392	19720531
US 1973-339772	19730312
US 1973-414281	19731109
US 1973-414525	19731109
US 1975-636659	19751201
US 1977-792013	19770428

AB 1,3,8-Triaza-7,7,9,9-tetramethylspiro[4.5]decane and 3,8-diaza-1-oxa-7,7,9,9-tetramethylspiro[4.5]decane derivs. were prepd. and used as light and heat stabilizers for plastics. Thus, 5 g K salt of 1,3,8-triaza-7,7,9,9-tetramethylspiro[4.5]decane-2,4-dione (39187-12-7) and 30 g benzyl chloride (100-44-7) were refluxed 20 min and the mixt.

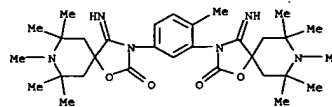
was treated with 10% NaOH to ppt. 1,3,8-triaza-3,8-dibenzyl-7,7,9,9-tetramethylspiro[4.5]decane-2,4-dione (I) (39187-13-8); about 120-addnl. compds. were also prepd. A mixt. of 0.25 parts I in 100 parts polypropylene (9003-07-0) was formed into 0.5 mm thick films which were exposed to uv irradian at 45 deg. The embrittlement time was 760 hr.

IT 40075-69-2  
RL: PEP (Physical, engineering or chemical process); PROC (Process) (stabilizers, for polymers)

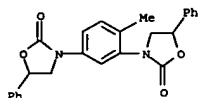
RN 40075-69-2 CAPLUS

CN 1-Oxa-3,8-diazaspiro[4.5]decan-2-one, 3,3'-(4-methyl-1,3-phenylene)bis(4-imino-7,7,8,9,9-pentamethyl- (9CI) (CA INDEX NAME)

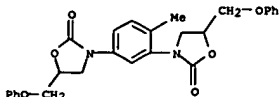
## L4 ANSWER 12 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)



L4 ANSWER 13 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1969:3894 CAPLUS  
 DOCUMENT NUMBER: 70:3894  
 TITLE: Bis-2-oxazolidinones-preparation and characterization  
 AUTHOR(S): Herweh, John E.  
 CORPORATE SOURCE: Res. and Develop. Center, Armstrong Cork Co.,  
 Lancaster, PA, USA  
 SOURCE: Journal of Heterocyclic Chemistry (1968), 5(5),  
 687-90  
 CODEN: JHCTAD; ISSN: 0022-152X  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 GI For diagram(s), see printed CA issue.  
 AB 3,3'-Organobis[5-(R-substituted)-2-oxazolidones] [organo =  
 4-methyl-m-phenylene, (CH<sub>2</sub>)<sub>6</sub> and 4,4'-C<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>-C<sub>6</sub>H<sub>4</sub>; R = Ph, CH<sub>2</sub>OPh and  
 BuOCH<sub>2</sub>] (e.g. I) and 5,5'-organo-bis[3-(R-substituted)-2-oxazolidone] (R  
 = p-MeC<sub>6</sub>H<sub>4</sub> and Bu; organo = CH<sub>2</sub>O(CH<sub>2</sub>)<sub>4</sub>OCH<sub>2</sub> and 4-CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>CH<sub>2</sub>OC<sub>6</sub>H<sub>4</sub>-CH<sub>2</sub>-4)  
 (e.g. II) were prepd. by oxirane ring opening followed by the addn. of  
 isocyanates in Me<sub>2</sub>NCHO in the presence of LiCl. <sup>1</sup>H N.M.R. and ir  
 spectral data are given.  
 IT 20844-37-5P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 20844-37-5 CAPLUS  
 CN 2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis[5-phenyl- (8CI) (CA  
 INDEX NAME)



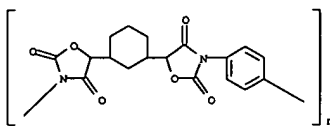
L4 ANSWER 15 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1967:433218 CAPLUS  
 DOCUMENT NUMBER: 67:33218  
 TITLE: Preparation of mono- and poly(2-oxazolidinones) rom  
 1,2-epoxides and isocyanates  
 AUTHOR(S): Sandler, Stanley R.  
 CORPORATE SOURCE: Borden Chem. Co., Philadelphia, PA, USA  
 SOURCE: (1967) 5(6), 1481-5  
 DOCUMENT TYPE: Journal  
 LANGUAGE: English  
 AB Mono- and diepoxides were treated with mono- and diisocyanates in the  
 presence of HCONMe<sub>2</sub> and (or) catalyst to form polyoxazolidinones and  
 2-oxazolidinones. Characteristic ir bands are given, and reaction  
 conditions are as follows [epoxide (moles), isocyanate (moles), catalyst  
 (g.), solvent, reaction time (hrs.), reaction temp., product, m.p., and %  
 yield given]: 3-phenoxy-1,2-propylene (I) (0.10), PhNCO (0.10), Me<sub>4</sub>NI  
 (0.2), HCONMe<sub>2</sub>, 6, 160.degree., 3-phenyl-5-phenoxyethyl-2-oxazolidinone  
 (II) 137-8.degree., 28; I (0.10), PhNCO (0.10), pyridine (0.2), HCONMe<sub>2</sub>,  
 6, 160.degree., II, 136-7.degree., 14; I (0.10), PhNCO (0.10), ZnBr<sub>2</sub>  
 (0.2), HCONMe<sub>2</sub>, 6, 160.degree., II, 136-7.degree., 33; I, (0.10) PhNCO  
 (0.10), -, HCONMe<sub>2</sub>, 6, 160.degree., II, 136-7.degree., 15; I, (0.20),  
 2,4-tolylene diisocyanate (0.10), Me<sub>4</sub>NI, HCONMe<sub>2</sub>, 6, 160.degree.,  
 2,4-bis[3-(5-phenoxyethyl-2-oxazolidinyl)]toluene, 60-3.degree., 78;  
 bisphenol A diglycidyl ether (III) (0.050), PhNCO (0.10), Me<sub>4</sub>NI (0.20),  
 HCONMe<sub>2</sub>, 6, 160.degree., 2,2-bis[3-(3-phenyl-5-phenoxyethyl-2-  
 oxazolidinyl)]propane, 40.degree., 93; (0.025), 2,4-tolylene diisocyanate  
 (0.50), Me<sub>4</sub>NI (0.20), -, 2, 120.degree., polymer, softens 70-80.degree.  
 and m.>300.degree., 100; III (0.025), 2,4-tolylene diisocyanate, -, -, 2,  
 120.degree., -, -, -: III (0.050), 2,4-tolylene diisocyanate (0.050),  
 Me<sub>4</sub>NI (0.20), HCONMe<sub>2</sub>, 20, 160.degree., polymer (mol. wt. 2880) softens  
 175-85.degree., 91; III (0.050), 1,6-hexamethylene diisocyanate (0.050),  
 Me<sub>4</sub>NI (0.20), HCONMe<sub>2</sub>, 6, 160.degree., polymer gelled. -, 79; III (0.050)  
 4,4'-diphenylmethane diisocyanate (0.050), Me<sub>4</sub>NI (0.20), HCONMe<sub>2</sub>, 6,  
 160.degree., polymer (mol. wt. 2870), softens 170.degree. and m.  
 190-5.degree., 100; Epon 828 (0.050), 2,4-tolylene diisocyanate (0.050),  
 Me<sub>4</sub>NI (0.4), -, 2, 120.degree., hard polymer, -, 100; III (0.050),  
 2,4-tolylene diisocyanate (0.050), Me<sub>4</sub>NI (0.4), -, 6, 160.degree., hard  
 polymer, softens 170-80.degree. and m. <300.degree., 100; III (0.050),  
 2,4-tolylene diisocyanate (0.050), -, -, 6, 160.degree., viscous liquid,  
 -, 100; III (2.4 g.), Adiprene L-115 (17.8 g.), Me<sub>4</sub>NI (0.06), -, 2,  
 120.degree., polymer, softens 65-70.degree. and m. <300.degree., 100.  
 IT 16635-61-3P  
 RL: SPN (Synthetic preparation); PREP (Preparation)  
 (prepn. of)  
 RN 16635-61-3 CAPLUS  
 CN 2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis[5-(phenoxyethyl)- (8CI)  
 (CA INDEX NAME)



L4 ANSWER 14 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1968:467922 CAPLUS  
 DOCUMENT NUMBER: 69:67922  
 TITLE: Poly(2,4-oxazolidinediones)  
 INVENTOR(S): Maekawa, Haruki; Harada, Kimiko  
 PATENT ASSIGNEE(S): Toyo Rayon Co., Ltd.  
 SOURCE: Jpn. Tokkyo Koho, 5 pp.  
 CODEN: JAXXAD  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Japanese  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 43009077	B4	19680412	JP	19641209

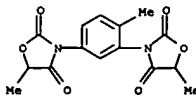
 AB .alpha.,.alpha.'-Dihydroxydicarboxylic esters such as  
 p-[MeO<sub>2</sub>CCH(OH)]<sub>2</sub>C<sub>6</sub>H<sub>4</sub>  
 (I), [p-MeO<sub>2</sub>CCH(OH)C<sub>6</sub>H<sub>4</sub>]<sub>2</sub>, and 1,3-cyclohexylene bisglycolate esters are  
 treated with an org. diisocyanate at <150.degree. to give a polyurethane  
 which was pyrolyzed to give the heat-stable title polymers. Thus, 10.1  
 9. I and 10 g. (p-OCNC<sub>6</sub>H<sub>4</sub>)<sub>2</sub>CH<sub>2</sub> in 50 ml. warm Cl<sub>2</sub>CHCHCl<sub>2</sub> were treated with  
 0.05 g. Bu<sub>2</sub>Sn dilaurate to give a rubberlike polymer, which was taken up  
 in HCONMe<sub>2</sub> and made into colorless film, m. 195-200.degree.. Heating 10  
 hrs. at 200.degree. gave a yellow, flexible film, m. >300.degree.,  
 resistant 15 hrs. to 6N H<sub>2</sub>SO<sub>4</sub> at 100.degree.. 1,4-Cyclohexylene  
 diisocyanate and p-(OCN)<sub>2</sub>C<sub>6</sub>H<sub>4</sub> were also used.  
 IT 31761-47-4P  
 RL: PREP (Preparation)  
 (prepn. of)  
 RN 31761-47-4 CAPLUS  
 CN Poly[(2,4-dioxo-3,5-oxazolidinediyl)-1,3-cyclohexylene(2,4-dioxo-5,3-  
 oxazolidinediyl)-p-phenylene] (8CI) (CA INDEX NAME)



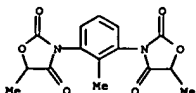
L4 ANSWER 16 OF 20 CAPLUS COPYRIGHT 2003 ACS  
 ACCESSION NUMBER: 1965:498356 CAPLUS  
 DOCUMENT NUMBER: 63:98356  
 ORIGINAL REFERENCE NO.: 63:18092c-d  
 TITLE: Oxazolidinediones  
 INVENTOR(S): Matsushita, Hideo; Kambara, Saburo; Koga, Michio  
 PATENT ASSIGNEE(S): Toyo Rubber Industry Co., Ltd.  
 SOURCE: 3 pp.  
 DOCUMENT TYPE: Patent  
 LANGUAGE: Unavailable  
 FAMILY ACC. NUM. COUNT: 1  
 PATENT INFORMATION:  

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 40017581		19650810	JP	19630416

 AB To a soln. of 21.36 g. Ca lactate in 180 ml. Me<sub>2</sub>SO is added 24 g. Ph  
 isocyanate, the whole is heated at 100.degree. for 4 hrs., and heated at  
 100.degree. in vacuo to remove the Me<sub>2</sub>SO. The residue is washed with H<sub>2</sub>O  
 to give 8.5 g. 3-phenyl-5-methyloxazolidine-2,4-dione, m. 141-2.degree.  
 (C<sub>6</sub>H<sub>5</sub>). Similarly prepd. are 2,4-(or 2,6)-bis(2,4-dioxo-5-methyl-3-  
 oxazolidinyl)toluene, m. 194-200.degree., 3-propyl-5-methyloxazolidine-  
 2,4-dione, b.p. 120-2.degree., 3-methyl-5-phenyloxazolidine-2,4-dione, m.  
 111-12.degree., 3-phenyloxazolidine-2,4-dione, m. 120-1.degree., and  
 1,6-bis(2,4-dioxo-5-methyl-3-oxazolidinyl)hexane, m. 145-50.degree.. The  
 products are analgetics.  
 IT 3759-88-4, 2,4-Oxazolidinedione, 3,3'-(4-methyl-m-phenylene)bis[5-  
 methyl- 4552-47-0, 2,4-Oxazolidinedione, 3,3'-(2-methyl-m-  
 phenylene)bis[5-methyl-  
 (prepn. of)  
 RN 3759-88-4 CAPLUS  
 CN 2,4-Oxazolidinedione, 3,3'-(4-methyl-m-phenylene)bis[5-methyl- (7CI, 8CI)  
 (CA INDEX NAME)

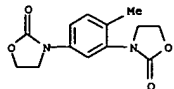


RN 4552-47-0 CAPLUS  
 CN 2,4-Oxazolidinedione, 3,3'-(2-methyl-m-phenylene)bis[5-methyl- (7CI, 8CI)  
 (CA INDEX NAME)

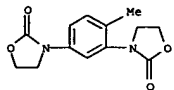


L4 ANSWER 17 OF 20 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1963:462338 CAPLUS  
DOCUMENT NUMBER: 59:62338  
ORIGINAL REFERENCE NO.: 59:11499a  
TITLE: N-Substituted oxazolidones  
INVENTOR(S): Tazuki, Tatsuo; Ichikawa, Kiyoshi; Kase, Mitsuo  
PATENT ASSIGNEE(S): Dainippon Printing Ink Mfg. Co., Ltd.  
SOURCE: 2 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 37018190		19621120	JP 19590901	
AB	A mixt. of 100 g. Ph isocyanate, 111 g. ethylene carbonate, and a small amt. of N-methylmorpholine is heated at 70.degree. 3 hrs., then at 130.degree. 2 hrs., and cooled to give 126 g. N-phenyl-oxazolidone, m. 117-19.degree. (EtOH). Similarly are prepd. N,N'-(2,4-tolylene)bis(oxazolidone) (sirupy), N-p-chlorophenyl-oxazolidone, and N-p-tolyl-oxazolidone.			
IT	93427-59-9, 2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis- (prepn. of)			
RN	93427-59-9 CAPLUS			
CN	2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis- (6CI, 7CI) (CA INDEX NAME)			



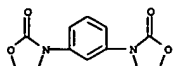
L4 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2003 ACS (Continued)



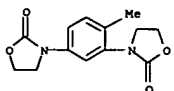
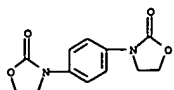
L4 ANSWER 18 OF 20 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1963:14900 CAPLUS  
DOCUMENT NUMBER: 58:14900  
ORIGINAL REFERENCE NO.: 58:2454g-h, 2455a-b  
TITLE: Oxazolidone products  
PATENT ASSIGNEE(S): Jefferson Chemical Co., Inc.  
SOURCE: 5 pp.  
DOCUMENT TYPE: Patent  
LANGUAGE: Unavailable  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
GB 883994		19611206	GB	
DE 1133378			DE	
US 3020262		1962	US	
PRIORITY APPLN. INFO.:	US	19571219		
AB	The prepn. of title compds. was described. A mixt. of 100 g. phenyl isocyanate (I), 50 g. ethylene oxide (II), 3 g. tetraethylammonium bromide (III), and 300 ml. dioxane was heated 1 hr. at 200.degree. in a 1400-ml. autoclave to 190 lb./sq. in., the solvent evapd. at 40 mm., and the solid product washed with ether and crystd. from dioxane to give 3-phenyl-2-oxazolidone (IV), m. 119.8-20.2.degree.. A mixt. of 100 g. I, 75 g. propylene oxide, 3 g. III, and 300 ml. dioxane treated similarly gave after several recrystns. from EtOH, 95 g. 3-phenyl-5-methyl-2-oxazolidone, m. 79.5-81.5.degree.. A mixt. of 124 g. 2,4-tolylene diisocyanate, 100 ml. II, 300 ml. HCONMe2, and 3 g. III similarly gave 2,4-bis(3-oxazolidonyl)toluene. The product from a similar reaction of			
24	g. ethyl isocyanate, 22 g. II, and 0.4 g. III and 100 ml. MeCN was distd. through a 2.5 times. 2.5 cm. packed column to give 3-ethyl-2-oxazolidone, b10 129-30.degree., n26D 1.4515, identical with a sample prepd. from N-ethylethanamine and diethyl carbonate. Reaction of 18.4 g. 1,2-dodecylene oxide similarly with 11.9 g. I, and 0.2 g. III in 50 ml. HCONMe2 gave 3-phenyl-5-n-decyl-2-oxazolidone, m. 68.5-9.7.degree.. A solid polymer infusible up to 300.degree. was obtained from a similar reaction of 14 g. vinylcyclohexene dioxide, 17.4 g. 2,4-tolylene diisocyanate, 0.2 g. III, and 50 ml. HCONMe2. A mixt. of 20 g. of the diepoxide obtained from epichlorohydrin and bis(4-hydroxyphenyl)dimethylmethane, 17.4 g. 2,4-tolylene diisocyanate, and 0.4 g. III was heated with stirring under N to 125.degree. and the mixt. heated 4 hrs. more at 165.degree. to give 37 g. yellow resin, infusible			
up	to 300.degree.. The compds. reported are useful intermediates in the manuf. of resins and plastics.			
IT	93427-59-9, 2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis- (prepn. of)			
RN	93427-59-9 CAPLUS			
CN	2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis- (6CI, 7CI) (CA INDEX NAME)			

L4 ANSWER 19 OF 20 CAPLUS COPYRIGHT 2003 ACS  
ACCESSION NUMBER: 1962:469211 CAPLUS  
DOCUMENT NUMBER: 57:69211  
ORIGINAL REFERENCE NO.: 57:13748f-i, 13749a-b  
TITLE: Studies of 2-oxazolidinones. I. A convenient synthesis  
AUTHOR(S): of 3-substituted 2-oxazolidinones  
Oda, Ryohei; Miyakoshi, Masahiko; Okano, Masaya  
CORPORATE SOURCE: Kyoto Univ., Sakyo-ku  
SOURCE: Bulletin of the Chemical Society of Japan (1962), 35, 1309-12  
CODEN: BCSJAB; ISSN: 0009-2673  
DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
AB RR'NCO2CH2CH2Cl (I) was prepd. (Method A) by the condensation of -chloroethyl chloroformate (II) with amines and (Method B) by that of isocyanates with ethylene chlorohydrin (III). I was then cyclized to 3-substituted 2-oxazolidinone by the use of NaOEt. COCl2 passed rapidly into 161 g. III 3 hrs. at 0.degree., allowed to stand until the evolution of HCl had subsided, refluxed 2 hrs., and distd. gave 93% II, b. 149-53.degree.. II (59 g.) added to a mixt. of 25 g. tert-BuNH2 and 41 g. Et3N, heated to 70.degree. 30 min., poured onto 200 ml. H2O, extd. with two 100-ml. portions Et2O, dried, and distd. yielded 63% I (R = tert-Bu), b7 90.degree.. A mixt. of 43 g. II and 34.5 g. o-nitroaniline heated to 120.degree. 1 hr. yielded 98% I (R = o-nitrophenyl), m. 70.5.degree. (ligroine). A mixt. of 25 g. nBuNCO and 21 g. III in 50 ml. dry benzene refluxed 5 hrs., concd., and distd. yielded 83% I (R = Bu), b4.3 113.degree.. III (21 g.) and 33.3 g. p-tolylisocyanate in 50 ml. toluene refluxed 2 hrs. and evapd. gave 78% I (R = p-tolyl), m. 61.degree. (benzene). I prepd. were (R, R', method of prepn., % yield, and m.p. given): Ph, H, B, 80, 49.degree.; o-tolyl, H, A, 91, 45.degree.; p-NO2C6H4, H, B, 88, 116.degree.; p-ETO2CC6H4, H, A, 86, 145.degree.; p-ClC6H4, H, A, 69, 69.degree.; 1-anthraquinonyl, H, A, 84, 184.degree.; (RR') (CH2)2, A, 39, 136.degree.; (RR') (CH2)4, B, 50, 118.degree.. Also prepd. were (ClCH2CH2O2CNH)2C6H4-m, B, 79, 115.5.degree. and (ClCH2CH2O2CNH)2C6H4-p, B, 78, 202.degree.. NaOEt prepd. from 7.5 g. Na and 50 ml. EtOH was added to 48.5 g. I [(RR') (CH2)4] in 50 ml. dioxane at 70-80.degree., heated 1 hr., filtered to remove NaCl, and the solvent evapd. to give 95% 3,3'-tetramethylenebis(2-oxazolidinone), m. 118.degree.. A soln. of 5g. Na in 50ml. EtOH added to 29.5 g. I (R = Ph, R' = H) in 50 ml. EtOH at 65-70.degree. and heated 1 hr. yielded 94% 3-phenyl-2-oxazolidinone, m. 1180 (benzene). 3-R-2-Oxazolidinones prepd. were (R, % yield, m.p. (or b.p.) given): Bu, 80, (b4 122.degree.); tert-Bu, 62, (b2 94.degree.); p-tolyl, 70, 91.degree.; o-tolyl, 80, (b4 170.degree.); p-ONC6H4, 93, 154.5.degree.; o-ONC6H4, 94, 165.degree.; ETO2CC6H4, 97, 110.degree.; p-ClC6H4 85, 121.degree.; 1-anthraquinonyl, 85, 226.5.degree.. Also prepd. were: 3,3'-ethylenebis(2-oxazolidinone), 80, 107.degree.; 3,3'-m-phenylenebis(2-oxazolidinone), 62, 175.degree.; 3,3'-p-phenylenebis(2-oxazolidinone), 68, 253.degree.. IT 92848-49-6, 2-Oxazolidinone, 3,3'-m-phenylenebis- 92848-70-9, 2-Oxazolidinone, 3,3'-p-phenylenebis- (prepn. of)  
RN 92848-69-6 CAPLUS  
CN 2-Oxazolidinone, 3,3'-m-phenylenebis- (7CI) (CA INDEX NAME)



RN 92848-70-9 CAPLUS  
CN 2-Oxazolidinone, 3,3'-p-phenylenebis- (7CI) (CA INDEX NAME)



ACCESSION NUMBER: 1959:62573 CAPLUS  
DOCUMENT NUMBER: 53:62573  
ORIGINAL REFERENCE NO.: 53:11345a-f  
TITLE: Preparation of substituted 2-oxazolidones from 1,2-epoxides and isocyanates  
AUTHOR(S): Speranza, George P.; Peppel, W. J.  
CORPORATE SOURCE: Jefferson Chem. Co., Inc., Austin, TX  
SOURCE: Journal of Organic Chemistry (1958), 23, 1922-4  
CODEN: JOCEAH; ISSN: 0022-3263

DOCUMENT TYPE: Journal  
LANGUAGE: Unavailable  
AB Quaternary ammonium halides were found to be efficient catalysts for the addn. of isocyanates to 1,2-epoxides. Substituted 2-oxazolidones (I) are obtained in good yields. KI was also found to be a good catalyst. When (CH<sub>2</sub>)<sub>20</sub> (II) and PhNCO (III) were heated with a small amt. of tetraethylammonium bromide (IV) 1 hr. in an autoclave at 200.degree. I (3-Ph) was obtained in 92% yield. When NEt<sub>3</sub> was substituted, triphenyl isocyanurate (V) was noted to be the chief product and I (3-Ph) isolated with difficulty and in low yield. III (100 g.), 300 ml. dioxane, 3 g. IV, and 50 g. II was heated 1 hr. at 200.degree. in an autoclave at 190 lb./sq. in. and 100 g. I (3-Ph) filtered off. On evapp. the dioxane an addnl. 26 g. I (3-Ph) was obtained. The product was recrystd. from dioxane. III (100 g.), 75 g. (CH<sub>2</sub>)<sub>30</sub>, 3 g. IV, and 300 ml. dioxane heated 1 hr. at 200.degree. in an autoclave and worked up similarly gave 95 g. I (3-Ph, 5-Me), m. 79.5-81.5.degree. (alc.). 2,4-Toluene diisocyanate (124 g.), 88 g. II, 300 ml. HCONMe<sub>2</sub>, and 3 g. IV heated to 200.degree. and held 50 min. at 200-25.degree. in an autoclave gave 203 g. black oil, which dissolved in refluxing C<sub>6</sub>H<sub>6</sub> gave 101 g. 2,4-di(3-oxazolidonyl)toluene, m. 136.5-7.5.degree. (alc. and then C<sub>6</sub>H<sub>6</sub>). HCONMe<sub>2</sub> (50 ml.), 18.4 g. 1,2-dodecylene oxide, 11.9 g. III, and 0.2 g. IV heated 4 hrs. at 160.degree., the solvent removed at 10 mm., and the products cooled gave 7.2 g. I (3-Ph, 5-decyl), m. 68.5-8.7.degree. (ligroine). PhNH<sub>2</sub> (56 g.) and 57 g. 1,2-dodecylene oxide heated 2 hrs. at 185.degree., the unreacted material distd. at 20 mm., and the oil crystd. gave 64 g. solids. Et<sub>2</sub>CO<sub>3</sub> (30 g.), 0.2 g. Na, and 100 ml. xylene distd. and passed through a column packed with stainless steel gave I (3-Ph, 5-decyl). Epon 828 (20 g.), 17.4 g. 2,4-toluene diisocyanate, and 0.4 g. IV heated 4 hrs. at 165.degree. gave 37 g. resin, did not m. 300.degree.. The following addnl. examples of I were also prepd. (epoxide, isocyanate, catalyst, solvent, reaction time in hrs., reaction temp., product, m.p., and % yield given): II, EtNCO, IV, MeCN, 1.5, 200.degree., 3-Et, b10 129.degree., 26; vinylcyclohexene diepoxide, 2,4-toluene diisocyanate, IV, HCONMe<sub>2</sub>, 4, 155.degree., resin, above 300.degree., 100; II, III, KI, MeCN, 2, 160.degree., 3-Ph, 119.degree., 74; II, III, NEt<sub>3</sub>, MeCN, 2, 160.degree., 3-Ph, 117.degree., very low. It was postulated from the present work that opening the epoxide ring by the quaternary halide precedes addn. of the isocyanate and a mechanism is suggested.  
IT 93427-59-9, 2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis- (prepn. of)  
RN 93427-59-9 CAPLUS  
CN 2-Oxazolidinone, 3,3'-(4-methyl-m-phenylene)bis- (6CI, 7CI) (CA INDEX NAME)

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
91.14	243.72

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

CA SUBSCRIBER PRICE

SINCE FILE	TOTAL
ENTRY	SESSION
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LAST RELOADED: May 23, 2003 (20030523/UP).

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
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162(6)

L4 ANSWER 9 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1979:168494 CAPLUS

DOCUMENT NUMBER: 90:168494

TITLE: Reaction of epoxides with isocyanates, II.  
Preparation and characterization of 2-oxazolidinones

AUTHOR(S): Braun, Dietrich; Weinert, Johann

CORPORATE SOURCE: Dtsch. Kunstst.-Inst., Darmstadt, Fed. Rep. Ger.

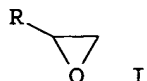
SOURCE: Liebigs Annalen der Chemie (1979), (2), 200-9

CODEN: LACHDL; ISSN: 0170-2041

DOCUMENT TYPE: Journal

LANGUAGE: German

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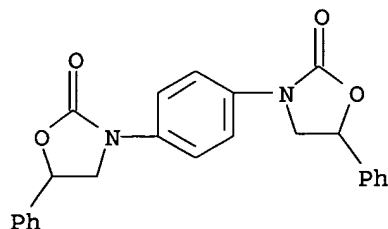
AB Isocyanates react with epoxides to yield 2-oxazolidinones. The reaction of isocyanates with unsym. substituted epoxides I (R = Me, Ph, vinyl) was studied in order to investigate differences in the direction of ring opening of the epoxides as a function of the type of catalyst (nucleophilic or electrophilic). With the exception of I (R = Ph), where 3,4-diphenyl-2-oxazolidinone and 3,3'-p-phenylenebis(4-phenyl-2-oxazolidinone) are formed, epoxides lead to 5-substituted 2-oxazolidinones, independent of the catalyst.

IT 69974-32-9P 69974-33-0P 69974-34-1P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

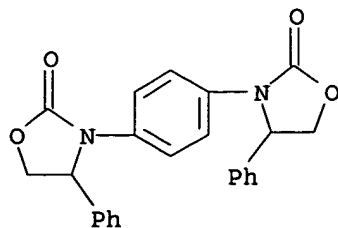
RN 69974-32-9 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl- (9CI) (CA INDEX NAME)



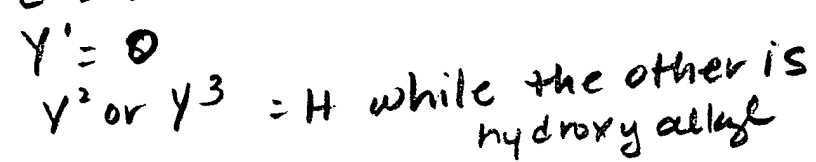
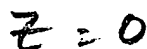
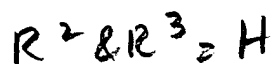
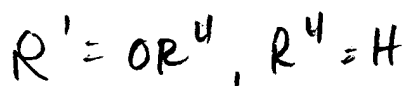
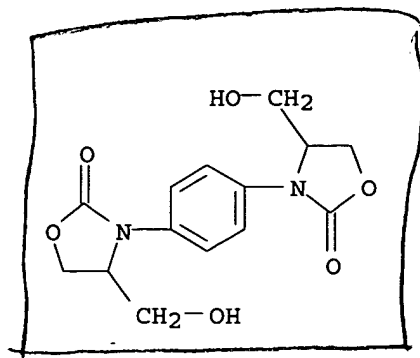
RN 69974-33-0 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl- (9CI) (CA INDEX NAME)



RN 69974-34-1 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-(hydroxymethyl)- (9CI) (CA INDEX NAME)



L4 ANSWER 10 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1979:167509 CAPLUS

DOCUMENT NUMBER: 90:167509

TITLE: Reaction of epoxides with isocyanates, III. Study of 2-oxazolidinones by mass spectrometry

AUTHOR(S): Braun, Dietrich; Weinert, Johann

CORPORATE SOURCE: Dtsch. Kunstst.-Inst., Darmstadt, Fed. Rep. Ger.

SOURCE: Liebigs Annalen der Chemie (1979), (2), 210-18

CODEN: LACHDL; ISSN: 0170-2041

DOCUMENT TYPE: Journal

LANGUAGE: German

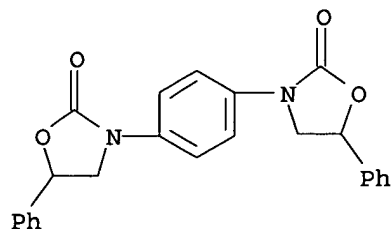
AB The decompn. of 2-oxazolidinones in the mass spectrometer is initiated by elimination of CO<sub>2</sub> by .beta.-decompn. and .alpha.-cleavage by liberation of CO and of the corresponding aldehyde. The 5-aryl-3-phenyl-2-oxazolidinones undergo both reactions at roughly equal rates. 5-Alkyl- or 5-alkylidene-3-phenyl-2-oxazolidinones preferentially eliminate CO<sub>2</sub>. The main decompn. reaction of 4-aryl-3-phenyl-2-oxazolidinones is .alpha.-cleavage.

IT 69974-21-6 69974-22-7 69974-29-4

RL: RCT (Reactant); RACT (Reactant or reagent)  
(mass spectral decompn. of)

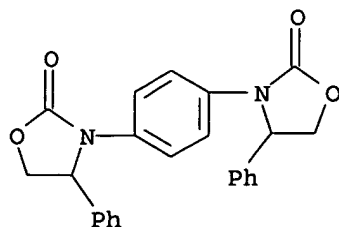
RN 69974-21-6 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[5-phenyl-, radical ion(1+) (9CI)  
(CA INDEX NAME)



RN 69974-22-7 CAPLUS

CN 2-Oxazolidinone, 3,3'-(1,4-phenylene)bis[4-phenyl-, radical ion(1+) (9CI)  
(CA INDEX NAME)



L4 ANSWER 7 OF 20 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 1981:570260 CAPLUS

DOCUMENT NUMBER: 95:170260

TITLE: Products of the isomerization of glycidylurethanes

AUTHOR(S): Sorokin, M. F.; Shode, L. G.; Ratov, A. N.; Onosova, L. A.; Pavlyukov, S. A.

CORPORATE SOURCE: Mosk. Khim.-Tekhnol. Inst., Moscow, USSR

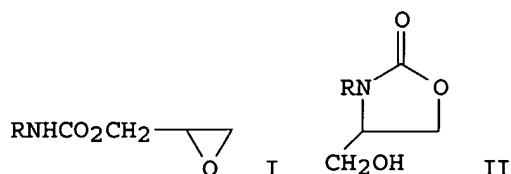
SOURCE: Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya Tekhnologiya (1981), 24(5), 561-5

CODEN: IVUKAR; ISSN: 0579-2991

DOCUMENT TYPE: Journal

LANGUAGE: Russian

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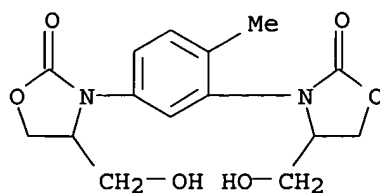
AB Cyclization of the title compds. (I) in solvents, bulk, or in bulk in the presence of Bu<sub>3</sub>N [102-82-9] catalyst gave the corresponding 4-(hydroxymethyl)-2-oxazolidinones (II). I were prepd. by reacting Ph isocyanate, 2,4-tolylene diisocyanate, and hexamethylene diisocyanate with glycidol. The cyclization of I was investigated as model reaction for crosslinking of glycidylurethane-terminated polymers. The structure of II was proved by IR and NMR spectra, and acetylation.

IT 79473-16-8P

RL: FORM (Formation, nonpreparative); PREP (Preparation)  
(formation of, by cyclization of diglycidyl tolylenebiscarbamate)

RN 79473-16-8 CAPLUS

CN 2-Oxazolidinone, 3,3'-(4-methyl-1,3-phenylene)bis[4-(hydroxymethyl)- (9CI)  
(CA INDEX NAME)



102(b)

103(a)

$R^3/R^2 = \text{alkyl}$   
while the other is H  
 $R^4 = \text{OR}^4$  where  $R^4 = \text{H}$   
 $Y^2/Y^3 = \text{H}$  while other is hydroxy alkyl  
 $Y^1 = \text{Oxygen}$   
 $Z = \text{Oxygen}$

$Z = \text{Sulfur}$   
 $\Rightarrow$  See comments in restriction